

Page 1

Tuesday, Septem				()						(8)	J. 68-14"
Item ID:	D2573			Accept				Se	etup Start		
Revision ID: Item Name:	E Saddle, Aft O	ut 205							Stop		
Start Date: Required Date:	9/23/2009 10/9/2009	Start Qty: 8.00 Req'd Qty: 8.00		<u>.</u>	Cust Item II Customer:						
Reference:			Voluntino enobelisto			1		R	un Star	t	
Approvals:	Process Pla	an: A	Date: 09-9-2 Date:	Y Tooling: SPC (Y/N):		te: te:			Stop		
Sequence ID/ Work Center II	o	Operation Description		Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Rev	vision Nbr									
D2573	Rev	v E			3 Series 5			<u> </u>			
HAAS 1 HAAS CNC vertical	l machine #1	No 1 per I Step No 2	AL MACHINING #1 Batch No. 52328 Double Folio FA051 and inspect per per Folio FA051 and inspect Step No 3 per Folio FA051	r attached Dimension Shee ct per attached Dimension	Machine Step ets 2-Machine Sheets 3-	log		8			7 5
110 Mill Conv	i e	CONVENTIONAL M	ILLING MACHINE	0.00	809/10/08			8			

QC2- Inspect parts off machine FAI/FAIB

Memo

Memo

Quality Control

Conventional Milling Machine

Machine keyway as per dwg D2573 & D2574

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Dart Aerospace Ltd

W/O:		WORK ORDER CHANG	E3		1	Approval Chief Eng /	Approva
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Chief Eng / Prod Mgr	Approva QC Inspecto

Part No: D2573 PAR #: No Fault Category: Machie NCR: Yes No DQA: Date: 69.11.06

Resolution: Sceno Disposition: Sceno QA: N/C Closed: Date: 69-11.06

NCR:52	328	7 6 7 6 7		Corrective Action Section B		Verification	Approval Chief Eng	Approval QC Inspector
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C		
5/10/13	100	Found by applied appliste shift that there are Dins on PAI sheet that are not wrect. - Also sapple to skill take	05.10.13	OHIS" THICK WALL OK 7 MINTHICK ONIO" SCRAP, SEE BELLO BORE OF ZIOZI OK	28/10/19	5 1 3	05,10,13 051042	5 09/10/13
		bore is to thin about 0.100 should be 0.125 Blooperate error + he significant Problem & C. Lackof Atlanticant Problem & C. CAT Dellariant	Sime	SCRAP Oty(2) WITH WALL < 0.110", HIGH STRESS AREA ruplace Batch # B46412 X	Stog/p/	orlishes	briun	Shop
of 10:19	100	Remeasuring SADDLE WITH OIR", ACTUAL MIN 15 0.110".	95.10.79 951.04L	SCRAP SCADLE			69.10.29 per OSI OFT	

NOTE: Date & initial all entries

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			14

Dart Aerospace L	td	
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W/O:		1	- Fp.	WORK	ORDER CHAN	GES		1		
DÂTE	STEP	STEP PROCEDURE CHANGE						Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	- 10								150	
			6							
									8	
Part No	o: De	2573	PAR #:	Fault Categor	1: Upchinul port	NCR: Yes	No DO	A:	Date:	65:11:17
		Resolution:	scurp	Disposition:		QA: N/C	Closed:	1	Date:	08-11-17

NCR: 5	-20			Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Description of NC		Sign & Date	Section C	Chief Eng	QC Inspector
09/10/09	160	One Soddle was offected by mark on the Island on on the Bole: :R.C. Machine Malfunction Machine drop tool during	positive	Scrup Replace Butch #6 46412	8/2	Solulo	bsun	Silveli
		Charfer operation.						

NOTE: Date & initial all entries

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		6						
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			A					
	Sel Control							
1	144							
	5 N L							
79.5	2.							

Work Order ID 52328

Tuesday, September 22, 2009 3:12:10 PM



Page 2

Item ID:

D2573

Revision ID: E

Item Name:

Saddle, Aft Out 205

Start Date:

9/23/2009

Start Qty: 8.00

Required Date: 10/9/2009

Req'd Qty: 8.00



Accept



Setup Start



Stop

Approvals:

Reference:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Cust Item ID:

Customer:

Draw

Number

Stop

Reject

Qty

Insp.

Stamp

Reject

Number

Sequence ID/ Work Center ID

130

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

Set Up/ **Run Hours** 0.00

Draw

Rev.

Plan

Code

Accept

Qty

140

HandFinish

Hand Finishing

Chemical Conversion Coat per QSI005 4.1

0.00

0.00

Memo

0.00

150

Powder Coating

Powdercoat

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00

Memo

0.00

START TIME:

□OVEN TEMPERATURE:

DFINISH TIME:

							*	
mE/								
300	20 T							

Work Order ID 52328

Quality Control

Tuesday, September 22, 2009 3:12:10 PM



Page 3

Item ID: D2573 Accept Setup Start Revision ID: E Stop Item Name: Saddle, Aft Out 205 Start Date: 9/23/2009 Start Qty: 8.00 Cust Item ID: Required Date: 10/9/2009 Req'd Qty: 8.00 Customer: Reference: Start Run Approvals: Process Plan: Date: Tooling: Date: Stop SPC (Y/N): QC: Date: Date: Reject Sequence ID/ Operation Set Up/ Draw Plan Accept Reject Insp. Draw Work Center ID Description Number Code Qty Qty Number Stamp Rev. **Run Hours** QC3- Inspect Part Finish 160 0.00 0.00 Memo Quality Control 170 Identify as per dwg & Stock Location: 0.00 Packaging 0.00 Memo Packaging QC21- Final Inspection - Work Order Release 0.00 180

0.00

Memo

ic 91.1030

Picklist Print

Tuesday, September 22, 2009 3:12:09 PM

Work Order ID: 52328

D2573RevE Parent Item:

Parent Item Name: Saddle, Aft Out 205

Comments:



Start Date: 9/23/2009

Required Date: 10/9/2009

Page 1

Start Qty: 8.00

Required Qty: 8.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
Item Name	Item ID	Purch	Item	Location	Location	Seq ID	Measure	Hand	Qty To Pick	Issued	Issued	
D6101-007RevB		Manufactured	No		Sic	100	Each	0.0000	8.0000			

Saddle Billet

Batch #: B46412 8 ml 08/10/07
Batch #: B46412 1 DF 09/10/09 (ACRUP)

		9	
191			
514			
* * *		λ ,	N .
	12 0		

DART AEROSPACE LTD	Work Order:	32328
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Recorded Actual Dimensions				P	
Dim	Min	Max	Go/No Go Gauge	1	2	3	Scr	Ву	Date
Α	0.438	0.443		440	440	-440			
В	1.745	1.755		1.743	1.750	1.750			
С	3.495	3.505		3.500	3.500	3.500			
D	1.745	1.755	8	1.7900	1.750	1750			
Е	7.990	8.010		8.000	8.000	8.000			
F	0.490	0.510		504	.504	665			
G	0.257	0.262		.259	.259	,259	258		
Н	0.375	0.380		.378	.377	.377	.377		
1	0.490	0.510		.493	.496	1500			
J	1.174	1.184		1.178	1.178	1178	1.177		
K	0.558	0.578		.559	.556	1.177			
L	1.174	1.184		1.178	1.178	1-177	1.177		
M	1.365	1.375		1.367	1.367	1.367	1.342		
N	2.495	2,505		2.500	2.500	2.500	2-500		
0	4.119	4.129		4.123	4.123	4.123	4.123		
Р	0.115	0.135		.125	124	.122	.124		
Q	0.115	0.135		-135	.135	.135			
R	0.240	0.260		.251	.252	.251	1252		
S	0.115	0.135		.128	.130	121			
Т	0.178	J 198		-188	.188	188	. 138		
U	3.210	3.250		3.228	3.228	3.224	3.23		
V	0.230	0.250		.238	,240	,238			
W	0.115	0.135		./30	.134	-135			
X	0.308	0.313		.310	310		A		
Y	0.760	0.765		.760	.760	.760			
Z	0.352	0.372		.364	.364	,364			
AA	0.470	0.530		.500	.500	500	.500		
AB	0.615	0.635		.632	632	.630			
AC	0.053	0.073		.063	.063	.063			
AD	0.240	0.260		.250	250	.250	, 250		
AE	1.500	1.520		1.572	1.511	1.512			
AF	0.115	0.135		,125	130	155			
AG	0.240	0.280		.271	.271	1277	175		
АН	0.240	0.260		.247	,250	1249			
Al	2.000	2.020		2.002	2.002	2.007			
AJ	0.023	0.043		.033	.033	770			
	Ac	cept/Reje	ct				3 L		

Measured by: 1	Audited by	
Date: 09/00/08	Date:	
Date: 10 //00 / 84		

Rev	Date	Change	Revised by	Approved
A	Dute	New Issue	RF	
В	02.09.25	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	1
E	05.12.05	Added dimension AJ	KJ/JLM	911

DART AEROSPACE LTD	Work Order:	32328
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

		-	6 Kilgs	Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	51	63 canen	7 3	Strop Stenen	Ву	Date
Α	0.438	0.443		.440	. 439	.440	.440		
В	1.745	1.755		1750	1.750	1.749	1.750	-	F384 H
С	3.495	3.505		3500	3.500	3.499	3.500		47
D	1.745	1.755		1700	1.756	1.749	1.750		
E	7.990	8.010		2000	8.001	8.001	8.001	5	
F	0.490	0.510	live at	305	.506	.504	1508		
G	0.257	0.262	100	258	.258	258	258		
H	0.375	0.380	ASSTURE TO	.377	377	.377	.377	Contract of the Contract of th	
1	0.490	0.510	ISHEE TO	-502	.494	1,496	,495		
j	1.174	1.184	The state of the s	1,177	1-177	1.(7)	1.177	SC.	
K	0.558	0.578	List Sec.	. 568 7	,555	,558	.560	- A A	128/
L	1.174	1.184		1./77	1.177	1.177	1.171	100	
M	1.365	1.375	NAME OF STREET	1.370	1.370	1.370	1.370	The state of the s	
N	2.495	2.505	RUFFERS	2,500	2,500	2500	2.50	5 00 0	
0	4.119	4.129	EXT V A	4.124	4.124	4.124	4.124		Version 1
P	0.115	0.135	100, 100 p S - 100 AH	.126	126	1/27	-127		
Q	0.115	0.135	REST TO SE	135	135	.135	.135	12.	- NOT 1
R	0.240	0.260	- Trotera 106/6	.252	1252	253	.253	180	
S	0.115	0.135	TO SUPPLY DE	117	.120	1.125	.125	154	- 55
T	0.178	0.198	PRE - E	-138	.188	138	188	1 Sala	524
Ü	3.210	3.250	1 - 21 0 7	3.230	3,270	2,030	3270	27	
V	0.230	0.250	1. 1. 1. 1. 1.	,238	234	243	244	Me	- 4
W	0.115	0.135	12,015,132.0	.15	.109	.125	.134		
X	0.308	0.313	1 -1 -544	.308	310	N BEN L			
Y	0.760	0.765		.760	760	WEST THE			
Z	0.352	0.372	THE STATE OF	367	1372	1.363	.348		
AA	0.470	0.530	THE WAR IN SA	.500	500	500	1500		
AB	0.615	0.635		,630	1635	.1.35	.635	2	
AC	0.053	0.073		.063	,063	. 063	.663	4-6	1
AD	0.240	0.260	REGULARY.	. 250	1210	,250	250		-
AE	1.500	1.520	COMPANY BEACH A	1517 -	1,530	1.500	1.508		
AF	0.115	0.135	DIATE IN THE	125	125	.125	.118		
AG	0.240	0.280	90	270	,270	.270	-270		
AH	0.240	0.260	Street of the street	,250	.243	.253	,253		1
Al	2.000	2.020	C. 9 . 3	2.009	12,020	2.000	2-000		12
AJ	0.023	0.043	ES CO.	1075	.033	1	2.024		- 30
AU		cept/Reje							30.14

Measured by: AP
Date: 09/10/09
Date: Date:

Rev	Date	Change	Revised by	Approved
Rev	Date	New Issue	RF	
A	00:00.00	Re-format; Added Rev. D	KJ	
В	02:09.26	Re-format; Added DT8682, DT8683, DT8684	KJ	
C	02.10.11		KJ/RF . A	1
D	05.05.05	Added dimension Al	KJ/JLM A	all
E	05.12.05	Added dimension AJ	TOO SEIVE GO	1 /11/



DART AEROSPACE LTD	Work Order:	52328
Description: Saddle, Aft Outboard	Part Number:	D2573
Inspection Dwg: D2573 Rev. E		Page 1 of 1

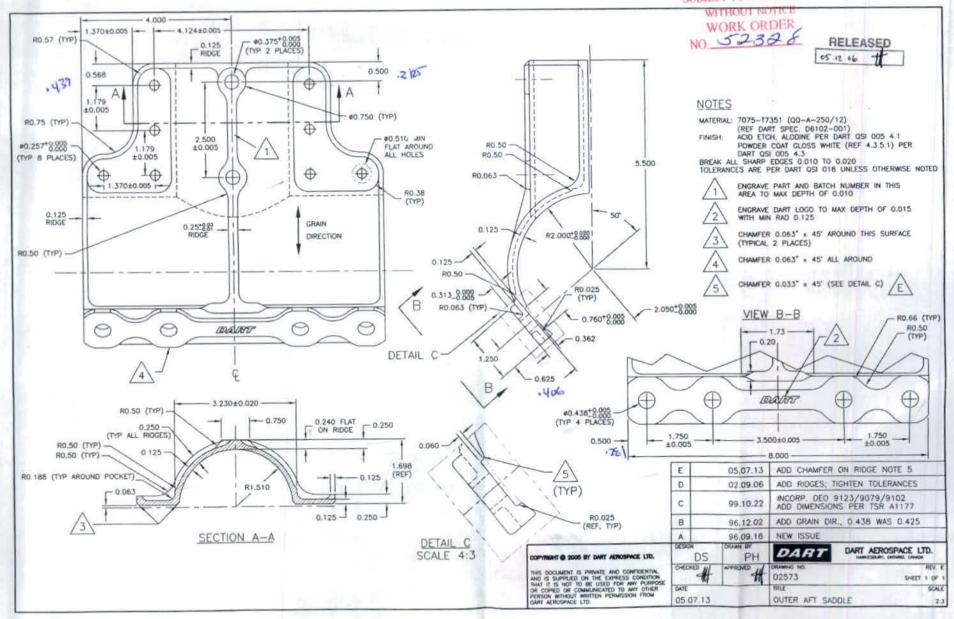
Inspect dimensions highlighted on inspection sheet drawing D2573 Rev. E and record below:

				Re	corded Act	ual Dimensi	ons		
Dim	Min	Max	Go/No Go Gauge	97	\$ 10	18 11	4	Ву	Date
Α	0.438	0.443		.446	.439	,439			
В	1.745	1.755		1.748	1.749	1.749			
С	3.495	3.505		3.499	3.499	3.499			
D	1.745	1.755		1.749	1.749	1749			
E	7.990	8.010		8.004	8.003	8.003			
F	0.490	0.510		.502	.503	.505	1/20		
G	0.257	0.262		. 258	.259	,259	IIIV.		
Н	0.375	0.380		. 377	.377	.377			
1	0.490	0.510		,502	.500	,500	The same of		
J	1.174	1.184		1.177	1.178	1.178	IVES.		
K	0.558	0.578		.569	,569	-569	37.		
L	1.174	1.184		1.177	1.178	1.178			
M	1.365	1.375		1.370	1.369	1.31.8			
N	2.495	2.505		2,500	2.500	2.499	150		
0	4.119	4.129		4.129	4.123	4.123	MA PAR		
P	0.115	0.135		.122	.125	./23			
Q	0.115	0.135		1.135	.135	.135	Dela III		
R	0.240	0.260		25-2	-,257	-257			
S	0.115	0.135		.128	127	.124			
T	0.178	0.198		.138	-188	. /88	100000		
U	3.210	3.250		3.230	3,236	3.230	7 mg 10		10.
V	0.230	0.250		.242	.240	.240	P. 18-2		
W	0.115	0.135		.132	-129	.130	Latte To 1		
X	0.308	0.313			.3/2	.3/2	E-Ca		
Υ	0.760	0.765			-760	.367			
Z	0.352	0.372		1,368	-368	.367			100
AA	0.470	0.530		.500	.500	.500			
AB	0.615	0.635		635	.635	.633			
AC	0.053	0.073		.663	-063	.063			
AD	0.240	0.260		,250	.248	.249			
AE	1.500	1.520		1.509	1.571	1-571			
AF	0.115	0.135		1122	126	.126			
AG	0.240	0.280		. 270	-273	.278			
AH	0.240	0.260		251	.249	.257			
Al	2.000	2.020		2.000	2.002	2.000			
AJ	0.023	0.043			.033	.033			
	Acc	ept/Reje	ct						

	20			
ſ	Measured by:	1 ml	Audited by	
T	Date: 09/10/04	00/10/11/2	Date:	

Rev	Date	Change	Revised by	Approved
Α	Marie High	New Issue	RF	
В	02.09.26	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM A	Sidl





.5.	 						2"	